

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT  
APPLICATION

## REQUEST FOR FILING APPLICATION

Under Rule 53(a), (b) &amp; (f)

(No Filing Fee or Oath/Declaration)

(Do NOT use for Provisional or PCT Applications)

Use for Design or Utility Applications



00909

## RULE 53(f) NO DECLARATION

U.S. Commissioner of Patents  
Washington, DC 20231

Atty. Dkt.

P 282558

2001-031

M#

Client Ref

Date:

July 3, 2001

Sir:

1. This is a Request for filing a new Patent Application (☐ Design ☒ Utility) entitled:

2. (Complete) Title:

T1R HETERO-OLIGOMERIC TASTE RECEPTORS

without a filing fee or Oath/Declaration but for which is enclosed the following:

3. ☒ Abstract 1 page(s).

4. 89 Pages of Specification (only spec. and claims);

5. ☐ Specification in non-English language

6. 99 Numbered claim(s); and

7. ☒ Drawings: 4 sheet(s) ☐ 1 set informal;8. ☒ formal of size: ☒ A4 ☐ 11"9. DOMESTIC/INTERNATIONAL priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

| Application No.                                    | Filing Date    | Application No. | Filing Date |
|--|----------------|-----------------|-------------|
| (1) 60/280,606                                     | April 19, 2001 | (2)             |             |
| (3) Not assigned                                   | June 26, 2001  | (4)             |             |
| (5) [titled T1R Hetero-Oligomeric Taste Receptors] |                | (6)             |             |

10. FOREIGN priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in

| Application No. | Filing Date | Application No. | Filing Date |
|-----------------|-------------|-----------------|-------------|
| (1)             |             | (2)             |             |
| (3)             |             | (4)             |             |

11. (No.) Certified copy (copies): ☐ attached; ☐ previously filed (date) filed on12. ☐ This is a reissue of Patent No.13. ☐ See top first page re prior Provisional, National, International application(s) (X box only if info is there and do not complete item 14 or 15.)

14. This application claims benefit of the following prior US application(s), the contents of which are incorporated into this application by this reference:

No. Not assigned filed June 26, 2001

No. 60/ 280/606 filed April 19, 2001

No. / filed

No. PCT/ / filed

designated the U.S. and that International Application ☐ was ☐ was not published under PCT Article 21(2) in English15. ☐ See the attached Preliminary Amendment, which amends the specification to claim benefit of the above listed US applications16. Extension to date: ☐ concurrently filed ☐ not needed ☐ previously filed17. ☒ Small Entity Status is claimed (pr-filing confirmation required)17(a) ☐ Attached: (No.) Small Entity Statement(s). (Since 9/8/00 Small Entity Statement not essential to make claim)17(b) ☐ See NONPUBLICATION REQUEST under Rule 213(a) attached (Pat-258)

18. ☐ Assignee (optional): \_\_\_\_\_

19. ☐ Attached:

20. This application is made by the following named inventor(s) (Double check instructions for accuracy.):  
(Listing of inventor(s) not a requirement, but list if known)

|                    |           |                       |                        |
|--------------------|-----------|-----------------------|------------------------|
| (1) Inventor       | Jon       | Elliot                | ADLER                  |
|                    | First     | Middle Initial        | Family Name            |
| Residence          | San Diego | California USA        | USA                    |
|                    | City      | State/Foreign Country | Country of Citizenship |
| Mailing Address    |           |                       |                        |
| (include Zip Code) |           |                       |                        |

|                    |           |                       |                        |
|--------------------|-----------|-----------------------|------------------------|
| (2) Inventor       | Xiadong   |                       | LI                     |
|                    | First     | Middle Initial        | Family Name            |
| Residence          | San Diego | California, USA       | China                  |
|                    | City      | State/Foreign Country | Country of Citizenship |
| Mailing Address    |           |                       |                        |
| (include Zip Code) |           |                       |                        |

|                    |           |                       |                        |
|--------------------|-----------|-----------------------|------------------------|
| (3) Inventor       | Lena      |                       | STAZEWSKI              |
|                    | First     | Middle Initial        | Family Name            |
| Residence          | San Diego | California, USA       | Sweden                 |
|                    | City      | State/Foreign Country | Country of Citizenship |
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|                    |           |                       |                        |
|--------------------|-----------|-----------------------|------------------------|
| (4) Inventor       | Hong      |                       | XU                     |
|                    | First     | Middle Initial        | Family Name            |
| Residence          | San Diego | California, USA       | China                  |
|                    | City      | State/Foreign Country | Country of Citizenship |
| Mailing Address    |           |                       |                        |
| (include Zip Code) |           |                       |                        |

|                    |             |                       |                        |
|--------------------|-------------|-----------------------|------------------------|
| (5) Inventor       | Fernando    |                       | EHEVERRI               |
|                    | First       | Middle Initial        | Family Name            |
| Residence          | Chula Vista | California, USA       | USA                    |
|                    | City        | State/Foreign Country | Country of Citizenship |
| Mailing Address    |             |                       |                        |
| (include Zip Code) |             |                       |                        |

21. NOTE: FOR ADDITIONAL INVENTORS, "X" box ☐ and list additional inventors on attached sheet (incorporated by reference)

Pillsbury Winthrop LLP  
Intellectual Property Group



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Atty/Sec: RLT/ml

NOTE: File in duplicate with 2 post card receipts (PAT-103) & attachments

# APPLICATION UNDER UNITED STATES PATENT LAWS

Atty. Dkt. No. PW 282558  
(M#)

Invention: T1R HETERO-OLIGOMERIC TASTE RECEPTORS

Inventor (s): Jon Elliot ADLER; Xiadong LI; Lena STASZEWSKI; Hong XU; Fernando ECHEVERRI

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## This is a:

- ☐ Provisional Application
- ☒ Regular Utility Application
- ☐ Continuing Application
  - ☒ The contents of the parent are incorporated by reference
- ☐ PCT National Phase Application
- ☐ Design Application
- ☐ Reissue Application
- ☐ Plant Application
- ☐ Substitute Specification
  - Sub. Spec Filed \_\_\_\_\_
  - in App. No. \_\_\_\_\_ / \_\_\_\_\_
- ☐ Marked up Specification re
  - Sub. Spec. filed \_\_\_\_\_
  - In App. No \_\_\_\_\_ / \_\_\_\_\_

## SPECIFICATION

09897427-070301  
T05020-2426860